What is claimed is:

- 1 1. An LED package, comprising:
- 2 a light emitting element:
- 3 a first optical section that is disposed around the light
- 4 emitting element; and
- 5 a second optical section that is disposed around the first
- 6 optical section while being separated from the first optical
- 7 section;

- 8 wherein a gap is formed between the first and second
- 9 optical sections, the gap allows part of light emitted from the
- 10 light emitting element to be radiated from the first optical
- 11 section as nearly parallel light converged in the direction
- 12 vertical to the center axis of the light emitting element, and
- 13 the second optical section includes a reflection surface to
- 14 reflect the nearly parallel light in the direction parallel to
- 15 the center axis of the light emitting element.
 - 2. The LED package according to claim 1, wherein:
 - 2 the part of light emitted from the light emitting element
- 3 is in a range of about 45 to about 90 degrees to the center axis
- 4 of the light emitting element from the light emitting element.
- 3. The LED package according to claim 1, wherein:
- 2 the first optical section is provided with a recess to
- 3 house the light emitting element.
- 4. The LED package according to claim 3, wherein:
- 2 the recess has a phosphor layer formed on its surface.

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- 5. The LED package according to claim 1, wherein:
- 2 the first optical section is formed sealing integrally
- 3 the light emitting element.
- 6. The LED package according to claim 5, wherein:
- 2 the light emitting element is mounted on a lead frame.
- 7. The LED package according to claim 1, wherein:
- 2 the first and second optical sections are in contact with
- 3 each other in a region in a range of about 45 degrees or less
- 4 to the center axis of the light emitting element.
- 8. The LED package according to claim 7, wherein:
- 2 the first and second optical sections are in contact with
- 3 each other in the region through an optical adhesive.
- 9. The LED package according to claim 1, wherein:
- 2 the second optical section includes a plurality of the
- 3 reflection surfaces on its bottom side.
- 10. The LED package according to claim 9 wherein:
- 2 the plurality of the reflection surfaces are formed
- 3 stepwise in cross section.
- 1 11. The LED package according to claim 9 wherein:
- 2 the plurality of the reflection surfaces are
- 3 intermittently formed in the circumference direction of the
- 4 second optical section.